

Amendments to the Specification:

Please amend the title to read:

“PROJECTION TYPE IMAGE DISPLAY WITH ADJUSTABLE LENS HOLDING
STRUCTURE”

Please amend the first two paragraphs on page 1 as follows:

The present invention relates to a display apparatus for projecting an image on a screen by means of a light ~~bulb valve~~ element such as a liquid crystal panel and particularly to a projection type image display apparatus such as a liquid crystal projector apparatus and a rear projection type display apparatus.

Heretofore, a projection type image display apparatus such as a liquid crystal projector and a rear projection type display apparatus is known in which light from a light source such as an electric ~~light~~ bulb is intensity-modulated to be changed to shaded light in each pixel in accordance with an image signal by means of light ~~bulb valve~~ means such as a liquid crystal panel, so that an optical image is formed to be projected on a screen in enlarged manner.

Please amend the paragraph bridging pages 1 and 2 as follows:

In a recent projection type image display apparatus, generally, light from light source means separated into a plurality of colors (e.g. three colors) by spectroscope means is modulated by light ~~bulb valve~~ means corresponding to respective colors (hereinafter, description is made by using a liquid crystal panel instead of light ~~bulb valve~~ means for convenience) and the light having a plurality of color components is then compounded by a compound prism to be projected to the outside of the apparatus by a projection lens and displayed as an image.

Please amend the paragraph bridging pages 3 and 4 as follows:

As means for solving the problems, according to the present invention, in adjustment of optical component constituting light guide means, a spring portion is provided in part of [[a]] an intermediate holding member of the optical component. The spring portion of the intermediate holding member is bent and the optical component is temporarily held to a case of rigid body for holding the whole optical system by reaction force. After it is temporarily held, an adjustment mechanism provided outside of the apparatus is separated or removed and the holding member of the optical component is adhesively fixed to the case of the rigid body with much time spent. The adjustment time and the occupation time of the adjustment mechanism are shortened. The holding member of the optical component is made of thermoplastic high-molecule molecular weight material and the holding member and the optical component are fixed to each other by welding to thereby hold the optical component stably with high reliability.

Please amend the paragraph bridging pages 7 and 8 as follows:

In Fig. 2, the projection type image display apparatus 1 includes an optical engine unit 300 therein. Illumination means 100 is mounted to the optical engine unit 300. In the optical engine unit 300, light from the illumination means 100 is separated into three colors by spectroscope means (not shown) and guided to a liquid crystal panel (not shown) constituting light bulb valve means by means of light guide means to be modulated. The modulated lights are compounded by a prism (not shown). Finally, the compounded light is projected on a screen (not shown) installed outside of the apparatus by means of the projection lens 10 constituting projection means and displayed as an image. A prism unit 310 provided in the optical engine

unit 300 includes liquid crystal panels disposed at three faces of the prism in corresponding manner to color lights. The projection lens 10 is mounted to the prism unit 310.

Please amend the second full paragraph on page 8 as follows:

In Fig. 3, the optical engine unit 300 includes the illumination means 100, the spectroscope means (not shown), the light guide means, the liquid crystal panel (not shown) constituting the light ~~bulb valve~~ means, the prism (not shown) constituting light compounding means and the projection lens 10 constituting the projection means. The prism unit 310 includes the liquid crystal panel (not shown), the prism (not shown) and the projection lens 10.

Please amend the paragraph bridging pages 11 and 12 as follows:

The focus lens C portion 410 is composed of a focus lens C 411 and a frame 412. The focus lens C 411 is fixed to the frame by welding processing that a welded portion 413 which is part of the frame 412 made of ~~heat-melting~~ thermoplastic ~~high-molecule~~molecular weight material is melted by heat and hardened. In the welding processing, the part of the frame made of ~~heat-melting~~ thermoplastic ~~high-molecule~~molecular weight material is heated to the melting point, for example 180° C, or more to be melted or softened and is hardened to the shape matched to that of the set focus lens. At this time, the ~~heat-melting~~ thermoplastic ~~high-molecule~~molecular weight material in the melted or softened state is in the state where the internal stress is released and when the material is hardened the lens component can be held by the hardened material without the internal stress. Since the lens component is held to the frame without the internal stress, the positional relation between the frame and the lens component can be kept stably for a long time.

Please amend the paragraph bridging pages 16 and 17 as follows:

The multi-lens B portion 510 is composed of a multi-lens B 511 and a frame 512. The multi-lens B 511 is fixed to the frame by welding processing that a welded portion 513 which is part of the frame 512 made of ~~heat melting thermoplastic~~ high-moleculemolecular weight material is melted by heat and hardened. In the welding processing, the part of the frame made of ~~heat melting thermoplastic~~ high-moleculemolecular weight material is heated to the melting point, for example 180° C, or more to be melted or softened and is hardened to the shape matched to that of the set focus lens. At this time, the ~~heat melting thermoplastic~~ high-moleculemolecular weight material in the melted or softened state is in the state where the internal stress is released and when the material is hardened the lens component can be held by the hardened material without the internal stress. Since the lens component is held to the frame without the internal stress, the positional relation between the frame and the lens component can be kept stably for a long time. The frame 512 and the multi-lens B 511 are fixed by the welding processing as described above after the relation of the optical axis of the multi-lens B 511 and the external shape of the frame 512 has been adjusted previously by another adjustment jig means.

Please amend the paragraph bridging pages 19 and 20 as follows:

In the above embodiments, the transmission type liquid crystal panel is described as the light ~~bulb valve~~ means, although the present invention is not limited thereto and it is needless to say that even if other light ~~bulb valve~~ means such as, for example, a reflection type liquid crystal

panel and a minute mirror rotation system is used, the apparatus can be structured similarly and the same effects can be attained.

Please amend the first full paragraph on page 20 as follows:

Further, in the above embodiments, the frame functioning as the holder of optical components is made of thermoplastic high-~~molecule~~molecular weight material, although the present invention is not limited thereto and it is needless to say that even if other material such as alloy having a low melting point is used the same effects can be attained.

Please amend the paragraph bridging pages 20 and 21 as follows:

As described above, according to the present invention, the illumination range can be adjusted to be set to the display range of the light ~~bulb~~ valve means exactly, so that high-grade picture quality can be maintained. Further, after adjustment, the stable positional accuracy can be maintained and the reliability can be ensured for a long time. Further, in the present invention, the holder component for holding the optical component is made of cheap heat-melting ~~thermoplastic~~ high-~~molecule~~molecular weight material and accordingly when part of the illumination means is broken or fails, the cheap holder component is destroyed to take out an expensive optical component to be reused, so that the projection type image display apparatus of the low cost as a whole can be provided.

Please amend the first full paragraph on page 21 as follows:

As described above, according to the present invention, the projection type image display apparatus can adjust the illumination range to be set to the display range of the light ~~bulb~~ valve means to thereby maintain the high-grade picture quality.